

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet

1

of

4

**Complete if Known**

Application Number	09/902,651
Filing Date	July 12, 2001
First Named Inventor	Hiroynki NAKANE et al.
Group Art Unit	2652
Examiner Name	David Steadman
Attorney Docket Number	77670/593

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
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**RELATED CO-PENDING U.S. PATENT APPLICATIONS**

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		Number - Kind Code <sup>2</sup> (if known)			
DJS	1	08/333,321	11-02-1994		
DJS	2	08/410,167	03-24-1995		
DJS	3	08/506,404	07-24-1995		
DJS	4	08/534,910	09-28-1995		

**FOREIGN PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
DJS	5 ✓	EP 0 674 000 A2	09-27-1995			
	6 ✓	EP 0 537 553 A2	04-21-1993			
	7 ✓	EP 0 699 761 A2	03-06-1996			
	8 ✓	EP 0 733 709 A2	09-25-1996			
DJS	9 ✓	JP 409,065,878	03-11-1997	Ohnuma, et al.		

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		Group Art Unit	1652
		Examiner Name	David Steadman
Sheet 2 of 4	Attorney Docket Number	77670/593	

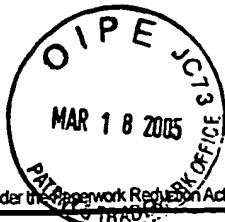
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Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
DS	10 ✓	Math, et al., <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 89, Aug. 1992, pp. 6761-6764.	
	11 ✓	Ohnuma, et al., <i>J. Biol. Chem.</i> , 269:20, May 20, 1994, pp. 14792-14797.	
	12 ✓	Koyama, et al., <i>J. Biochem.</i> , 113:3, 1993, pp. 355-363.	
	13 ✓	Chen, et al., <i>J. Biochem.</i> , 268:15, 1993, pp. 11002-11007.	
	14 ✓	Chen, et al., <i>Arch. Biochem. Biosphys.</i> , 314:2, Nov. 1, 1994, pp. 399-404.	
	15 ✓	Chen, et al., <i>Protein Science</i> , Vol. 3, 1994, pp. 600-607.	
	16 ✓	Anderson, et al., <i>J. Biol. Chem.</i> , Vol. 264, Nov. 15, 1989, pp. 19176-19184.	
	17 ✓	Jeong, et al., <i>J. DNA Sequencing &amp; Mapping</i> , Vol. 4, 1993, pp. 59-67.	
	18 ✓	Koike-Takeshita, et al., <i>J. Biol. Chem.</i> , 270:31, Aug. 4, 1995, pp. 18396-18400.	
	19 ✓	Fujisaki, et al., <i>J. Biochem.</i> , 108:6, 1990, pp. 995-1000.	
	20 ✓	Ashby, et al., <i>J. Biol. Chem.</i> , 265:22, Aug. 5, 1990, pp. 13157-13164.	
	21 ✓	Teruya, et al., <i>Mol. Cell. Biol.</i> , 10:5, May 1990, pp. 2315-2326.	
	22 ✓	Sheares, et al., <i>Biochemistry</i> , 28:20, 1989, pp. 8129-8135.	
DS	23 ✓	Wilkin, et al., <i>J. Biol. Chem.</i> , 265:8, Mar. 15, 1990, pp. 4607-4614.	

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Sheet 3 of 4

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
DS	24 ✓	Armstrong, et al., <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 87, Dec. 1990, pp. 9975-9979.	
DS	25 ✓	Scolnik, et al., <i>Plant Physiol.</i> , Vol. 104, 1994, pp. 1469-1470.	
DS	26 ✓	Aitken, et al., <i>Plant Physiol.</i> , Vol. 108, 1995, pp. 837-838.	
DS	27 ✓	Badillo, et al., <i>Plant Mol. Biol.</i> , Vol. 27, 1995, pp. 425-428.	
	28	<del>Plant Physiol., 100:3, 1995, p. 1343.</del>	
DS	29 ✓	Lang, et al., <i>J. Bacteriol.</i> , 178:8, Apr. 1995, pp. 2064-2073.	
DS	30	Armstrong, et al., <i>Mol. Gen. Genet.</i> , Vol. 216, 1989, pp. 254-268.	
	31	<del>EMBL release 45, Dec. 1995 (14 pages).</del>	
DS	32 ✓	Carattoli, et al., <i>J. Biol. Chem.</i> , 266:9, Mar. 25, 1991, pp. 5854-5859.	
DS	33 ✓	Koyama, <i>Can. J. Chem.</i> , Vol. 72, 1994, pp. 75-79.	
DS	34 ✓	Ohnuma, et al., <i>J. Biol. Chem.</i> , 271:17, Apr. 26, 1996, pp. 10087-10095.	
DS	35 ✓	Koyama, et al., <i>Biochemistry</i> , 33:42, 1994, pp. 12644-12648.	
DS	36 ✓	Ohnuma, et al., <i>J. Biol. Chem.</i> , 271:31, Aug. 2, 1996, pp. 18831-18837.	
DS	37 ✓	Tarshis, et al., <i>Biochemistry</i> , 33:36, 1994, pp. 10871-10877.	

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